

ULTILOBE

Lobe pump



APPLICATION

The ULTILOBE pump is a positive displacement rotary lobe pump with a hygienic design for installations in the dairy, food, beverage, cosmetics, pharmaceutical and fine chemical industries.

The pump is ideal for handling all kinds of fluids and for meeting filtering and bottling needs. The specially designed lobes mean products containing delicate solids can be pumped without being damaged.

DESIGN AND FEATURES

The ULTILOBE rotary lobe pump is a bare shaft pump. It consists mainly of a pump casing and cover made from investment casting stainless steel and tri-lobe rotors. The single mechanical seal is internal type, balanced, with hygienic design and can be fully disassembled from the front.

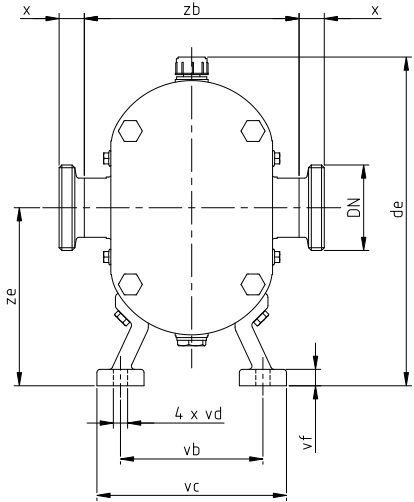
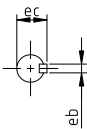
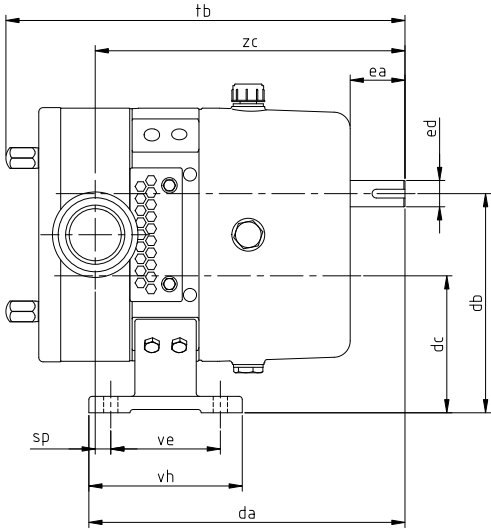
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Operating thresholds

Maximum operating pressure	1600 kPa (16 bar)	232 PSI
Maximum operating temperature (EPDM)	-10°C to 120°C	14°F to 248°F
Temperature, maximum SIP cleaning time	140°C for 30 min	284°F

Pump	Connections size		Displacement [litres/rev]	Maximum differential pressure [kPa]	Maximum speed [rpm]	Maximum flow rate ¹ [m³/hour]
	DN	OD				
UL-12	25	1"	0.069	1200	1400	5.70
UL-13	40	1½"	0.103	700		

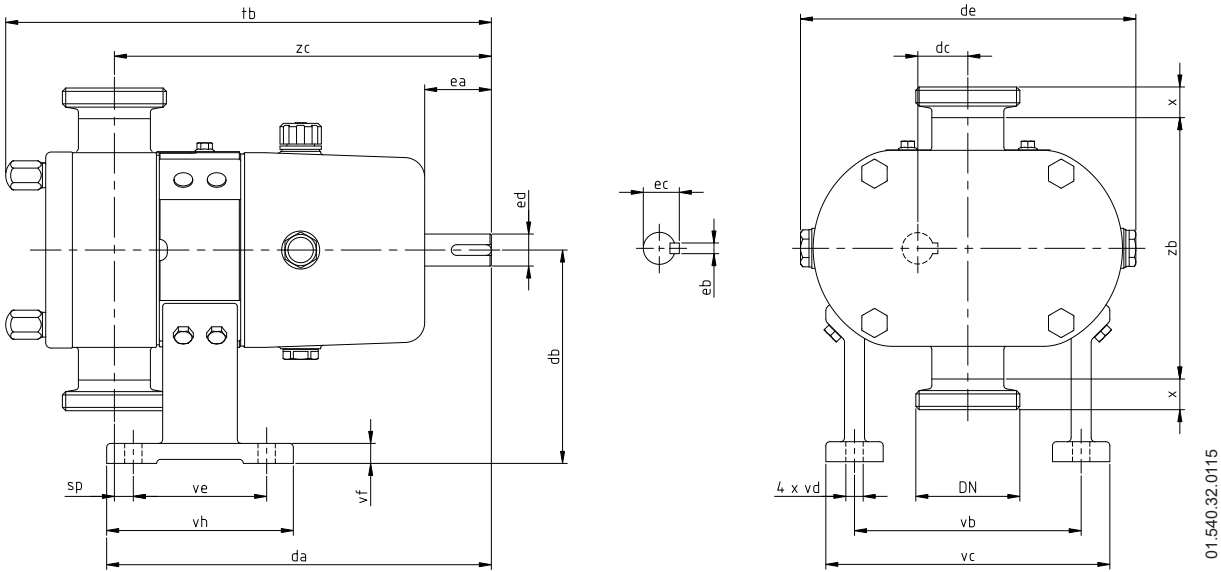
HORIZONTAL PORTS DIMENSIONS



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VERTICAL PORTS DIMENSIONS



Pump	zb	DIN 11851		SMS		CLAMP OD	
		DN	x	DN	x	DN	x
UL-12	126	25	22	25	19	1"	21.5
UL-							